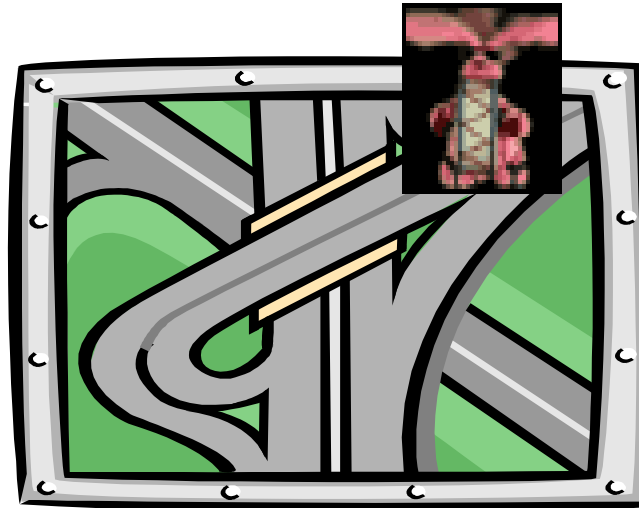


***FOCUSED ALLOWANCE
MAINTENANCE STRATEGY
(FAMS)
SYSTEM ALLOWANCE
TECHNIQUE
(SAT)
UPDATE***

FLSIC
March '02
1

Continuing Process Improvement FAMS...System Allowance Technique *Side Tracked*



Maritime Allowance Review
Initiatives
POM '04 Data Calls

Continuing Process Improvement FAMS...System Allowance Technique Modifications

- **First Step: Identify Candidate Equip/Systems**

- Evaluate two years worth of Supply Issue and Maintenance records for Fleet & ship class/ship group by JCN where:

- All Deferred Maintenance Actions due to Lack of Parts

- Source code = G or J (parts are “not carried”)

- Filter out Unidentifiable, Miscellaneous, Bald APLs & Non-Critical APLs/System

- Apply Criticality Filter

- Determined by Mission Criticality Code (MCC) based on CASREPs

- Eliminate MCC 1 Systems

- Stratify data by Maintenance EIC or HSC (System) Across Ship Class/Group

- Normalize Nbr of Deferred Maint Actions by EIC (System) Population

- Sort by average number of “normalized” DMA's for EICs in descending order (High to Low).

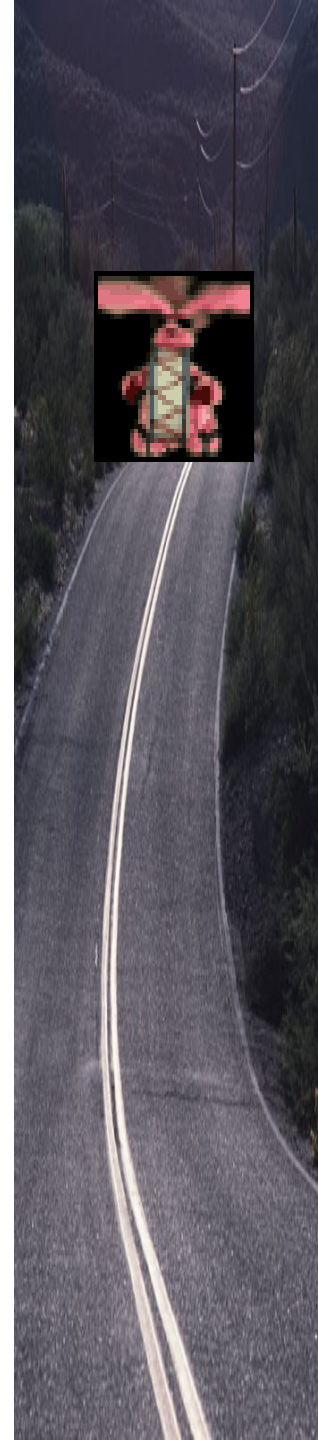
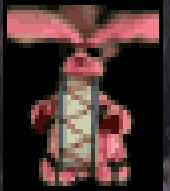
- Determine “elbow”...Point of Diminishing Returns (curve flat lines) }3

- Model Curves based on Various MCC Stratifications

Continuing Process Improvement FAMS...System Allowance Technique Modifications

- **Second Step: Assessment & Recommendations**
 - **Pre-Allowance Technical Analysis and Data Reconciliation**
 - ISEA Technical Referrals (by System)...e.g. Maintenance Plan Review & “G” Source Codes (ACIP...APL Adds)
 - **Re-Allowancing Selected Systems**
 - **Apply Alternative Demand Based Model (PD-68)**
 - Offers a Variety of Parameter Options
 - » Effectiveness to Cost Marginal Analysis (Builds RBS-like Curves)
 - Model Potential DMA Avoidance/System Downtime Avoidance
- **Third Step: Decision Forum/Recommendation Review**
 - Expanded Allowance Control Panel (ACP)
 - Establish Continuous Monitoring Methodology
- **Fourth Step: Execution**
 - NSAF Update across Ship Class
 - Release to Fleet
 - TYCOM Priority
 - Battle Group Deployment

Continuing Process Improvement FAMS...System Allowance Technique Summary



- The Road Ahead...
 - **Finalize Analytical Approach/Process for Troubled Systems**
 - Identifying the Systems in Greatest Need with Most Impact on Ship Mission
 - **Determine Best Allowance Model**
 - Biggest Bang for Buck...Significant DMA/Downtime Avoidance
 - **Develop Decision Tool/Forum**
 - Expand COSAL Scheduling Metrics...CSM
 - System/Equipment/Part Analysis & Recommendations including...
 - » Assessing Impact of Re-Allowancing
 - Cost Estimator...CILS TAT & Trouble Equip/Systems
 - Expand Allowance Control Panel...ACP
 - TYCOM/CINC Menu Selections for Final Decisions
 - » Systems & Priority